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**From:** Michael A. Schaldenbrand**Date:** March 14, 2005**Total Number of Pages Including Cover Sheet:** 18

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16 Page Amendment Under 37 C.F.R. § 1.312 for:

MAR 14 2005

Applicant(S): Guoming G. Zhu et al.

Attorney Docket No.: 46107-0098

Serial No.: 10/723,097

Filing Date: November 26, 2003

Examiner: Johnny H. Hoang

Group Art Unit: 3747

Title: IC ENGINE DIAGNOSTIC SYSTEM USING THE PEAK AND INTEGRATION  
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Client Name: Visteon Corp.  
Client/Matter Number: 46107-98  
Attorney Number: [1139]  
Secretary/Ext.: CMWolfe/7545

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Attorney Initials: MAS  
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/723,097
		Filing Date	November 26, 2003
		First Named Inventor	Guoming G. Zhu
		Art Unit	3747
		Examiner Name	Johnny H. Hoang
Total Number of Pages in This Submission		Attorney Docket Number	46107-0098

ENCLOSURES (check all that apply)		
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	<input type="checkbox"/> Amendment Under 37 C.F.R. § 1.312 (16 pages)
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
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Remarks		

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Date	March 14, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Confirmation No. 1122

Application No.:	10/723,097	}	
Filing Date:	November 26, 2003	)	
Applicant(s):	Guoming G. Zhu et al.	)	
Group Art Unit:	3747	)	<b>AMENDMENT UNDER 37 C.F.R. § 1.312</b>
Examiner:	Johnny H. Hoang	)	
Title:	IC Engine Diagnostic System Using The Peak And Integration Ionization Current Signals	)	<b>NOTICE OF ALLOWANCE DATED FEBRUARY 23, 2005</b>
Attorney Docket:	<u>46107-0098</u>	)	

Commissioner For Patents  
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Dear Sir:

Applicant hereby acknowledges receipt of the Notice of Allowance and Fee(s) Due mailed February 23, 2005.

Please amend the above-identified patent application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**A listing of the Claims** begins on page 3 of this paper.

Remarks being on page 16 of this paper.